

## CRF Errors Corrected by the STIC Systems Branch

036 O/P/E #5

Serial Number:

09/904,011B

CRF Processing Date:

Edited by:

Verified by:

2/21/2002

(STIC staff)

 Changed a file from non-ASCII to ASCII Changed the margins in cases where the sequence text was "wrapped" down to the next line. Edited a format error in the Current Application Data section, specifically: Edited the Current Application Data section with the actual current number. The number inputted by the applicant was  the prior application data; or  other \_\_\_\_\_. Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: 193 Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted:  non-ASCII "garbage" at the beginning/end of files;  secretary initials/filename at end of file;  page numbers throughout text;  other invalid text, such as \_\_\_\_\_. Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: Other:  
  
  
  

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



OIPE

## RAW SEQUENCE LISTING

DATE: 02/21/2002

PATENT APPLICATION: US/09/904,011B

TIME: 16:47:00

Input Set : N:\Crf3\02122002\I904011B.raw  
 Output Set: N:\CRF3\02212002\I904011B.raw

Q5

1 <110> APPLICANT: Genentech, Inc.  
 2       Ashkenazi, Avi  
 3       Botstein, David  
 4       Desnoyers, Luc  
 5       Eaton, Dan L.  
 6       Ferrara, Napoleone  
 7       Filvaroff, Ellen  
 8       Fong, Sherman  
 9       Gao, Wei-Qiang  
 10      Gerber, Hanspeter  
 11      Gerritsen, Mary E.  
 12      Goddard, A.  
 13      Godowski, Paul J.  
 14      Grimaldi, Christopher J.  
 15      Gurney, Austin L.  
 16      Hillan, Kenneth, J.  
 17      Kljavin, Ivar J.  
 18      Mather, Jennie P.  
 19      Pan, James  
 20      Paoni, Nicholas F.  
 21      Roy, Margaret Ann  
 22      Stewart, Timothy A.  
 23      Tumas, Daniel  
 24      Williams, P. Mickey  
 25      Wood, William, I.  
 26 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 27       Acids Encoding the Same  
 28 <130> FILE REFERENCE: 10466-14  
 C--> 29 <140> CURRENT APPLICATION NUMBER: US/09/904,011B  
 30 <141> CURRENT FILING DATE: 2001-07-11  
 31 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414  
 32 <151> PRIOR FILING DATE: 2000-02-22  
 33 <150> PRIOR APPLICATION NUMBER: US 60/143,048  
 34 <151> PRIOR FILING DATE: 1999-07-07  
 35 <150> PRIOR APPLICATION NUMBER: US 60/145,698  
 36 <151> PRIOR FILING DATE: 1999-07-26  
 37 <150> PRIOR APPLICATION NUMBER: US 60/146,222  
 38 <151> PRIOR FILING DATE: 1999-07-28  
 39 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594  
 40 <151> PRIOR FILING DATE: 1999-09-08  
 41 <150> PRIOR APPLICATION NUMBER: PCT/US99/20944  
 42 <151> PRIOR FILING DATE: 1999-09-13  
 43 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/904,011B

DATE: 02/21/2002  
TIME: 16:47:00

Input Set : N:\Crf3\02122002\I904011B.raw  
Output Set: N:\CRF3\02212002\I904011B.raw

```

44 <151> PRIOR FILING DATE: 1999-09-15
45 <150> PRIOR APPLICATION NUMBER: PCT/US99/21547
46 <151> PRIOR FILING DATE: 1999-09-15
47 <150> PRIOR APPLICATION NUMBER: PCT/US99/23089
48 <151> PRIOR FILING DATE: 1999-10-05
49 <150> PRIOR APPLICATION NUMBER: PCT/US99/28214
50 <151> PRIOR FILING DATE: 1999-11-29
51 <150> PRIOR APPLICATION NUMBER: PCT/US99/28313
52 <151> PRIOR FILING DATE: 1999-11-30
53 <150> PRIOR APPLICATION NUMBER: PCT/US99/28564
54 <151> PRIOR FILING DATE: 1999-12-02
55 <150> PRIOR APPLICATION NUMBER: PCT/US99/28565
56 <151> PRIOR FILING DATE: 1999-12-02
57 <150> PRIOR APPLICATION NUMBER: PCT/US99/30095
58 <151> PRIOR FILING DATE: 1999-12-16
59 <150> PRIOR APPLICATION NUMBER: PCT/US99/30911
60 <151> PRIOR FILING DATE: 1999-12-20
61 <150> PRIOR APPLICATION NUMBER: PCT/US99/30999
62 <151> PRIOR FILING DATE: 1999-12-20
63 <150> PRIOR APPLICATION NUMBER: PCT/US00/00219
64 <151> PRIOR FILING DATE: 2000-01-05
65 <160> NUMBER OF SEQ ID NOS: 423
67 <210> SEQ ID NO: 1
68 <211> LENGTH: 1825
69 <212> TYPE: DNA
70 <213> ORGANISM: Homo sapiens
71 <400> SEQUENCE: 1
72 actgcacctc ggttctatcg attgaattcc cggggatcc tctagagatc cctcgacctc 60
73 gaccacgcg tccggccgg agcagcacgg ccgcaggacc tggagctccg gctgcgtctt 120
74 cccgcagcgc taccgcctat gcgcctgccg cgccggccg cgctggggctt cctgcgcgtt 180
75 ctgctgctgc tgccgcccgc gccggaggcc gccaagaagc cgacgccttg ccaccgggtgc 240
76 cgggggctgg tggacaagtt taaccagggg atggtgacca cgcacaagaa gaactttggc 300
77 ggcgggaaca cggcttggga ggaaaagacg ctgtccaaatg acgagtccag cgagattcgc 360
78 ctgctggaga tcctggaggg gctgtgcgag agcagcgact tcaaatgcaa tcagatgcta 420
79 gagggcgcagg aggacacat ggaggcctgg tggctgcgc tgaagagcga atatcctgac 480
80 ttattcgagt ggttttgtt gaagacactg aaagtgtgt gtctccagg aacctacgg 540
81 cccgactgtc tcgcattgcca gggcgatcc cagaggccct gcagcgggaa tggccactgc 600
82 agcggagatg ggagcagaca gggcgacggg tcctgcgggt gcccacatggg gtaccagg 660
83 ccgcgtgtca ctgactgcattt ggacggctac ttcatgcgc tccggaaacga gaccacagc 720
84 atctgcacag cctgtgacga gtcctgcaag acgtgtcgg gcctgaccaa cagagactgc 780
85 ggcgagtgtg aagtggctg ggtgtggac gagggcgcct gtgtggatgt ggacgagtgt 840
86 gcggccgagc cgcctccctg cagcgctgcg cagttctgtt agaacgcacaa cggctccat 900
87 acgtgcgaag agtgtgactc cagctgtgtt ggctgcacag gggaaaggccc agggaaactgt 960
88 aaagagtgtt tctctggctt cgcgaggag cacggacagt gtgcagatgt ggacgagtgc 1020
89 tcactagcag aaaaaacctg tttgtggaaa aacgaaaact gtcataatac tccagg 1080
90 tacgtctgtt tttgtgtt cggcttcgaa gaaacgaaat atgcctgtgtt gcccggca 1140
91 gaggctgaag ccacagaagg agaaaagcccg acacagctgc cctcccgca agacotgtaa 1200
92 tgtgccggac ttacccttta aattattcag aaggatgtcc cgtggaaaat gtggccctga 1260
93 ggatgcgcgtc tcctgcgtt gacagcggcg gggagaggct gcctgccttc taacggttga 1320

```

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/904,011B

DATE: 02/21/2002  
TIME: 16:47:00

Input Set : N:\Crf3\02122002\I904011B.raw  
Output Set: N:\CRF3\02212002\I904011B.raw

```

94 ttctcatttg tcccttaaac agctgcattt cttgggtgtt cttaaacaga cttgtatatt 1380
95 ttgatacagt tctttgtaat aaaattgacc attgttagta atcaggagga aaaaaaaaaa 1440
96 aaaaaaaaaa aaaggcgcc cgcgactcta gagtcgaccc gcagaagctt ggcgcctat 1500
97 gccaacttg tttattgcag cttataatgg ttacaataaa agcaatagca tcacaaattt 1560
98 cacaataaaa gcatttttt cactgcattc tagttgttgt ttgtccaaac tcataatgt 1620
99 atcttatcat gtctggatcg ggaattaatt cggcgccagca ccatggccctg aaataacctc 1680
100 tgaaaagagga acttggtagt gtaccttctg aggccgaaag aaccagctgt ggaatgtgtg 1740
101 tcagtttaggg tgtggaaagt ccccaggctc cccagcaggc agaagtatgc aagcatgcat 1800
102 ctcaattagt cagcaaccca gtttt 1825

104 <210> SEQ ID NO: 2
105 <211> LENGTH: 353
106 <212> TYPE: PRT
107 <213> ORGANISM: Homo sapiens
108 <400> SEQUENCE: 2
109 Met Arg Leu Pro Arg Arg Ala Ala Leu Leu Pro Leu Leu Leu
110 1 5 10 15
111 Leu Leu Pro Pro Ala Pro Glu Ala Ala Lys Lys Pro Thr Pro Cys His
112 20 25 30
113 Arg Cys Arg Gly Leu Val Asp Lys Phe Asn Gln Gly Met Val Asp Thr
114 35 40 45
115 Ala Lys Lys Asn Phe Gly Gly Asn Thr Ala Trp Glu Glu Lys Thr
116 50 55 60
117 Leu Ser Lys Tyr Glu Ser Ser Glu Ile Arg Leu Leu Glu Ile Leu Glu
118 65 70 75 80
119 Gly Leu Cys Glu Ser Ser Asp Phe Glu Cys Asn Gln Met Leu Glu Ala
120 85 90 95
121 Gln Glu Glu His Leu Glu Ala Trp Trp Leu Gln Leu Lys Ser Glu Tyr
122 100 105 110
123 Pro Asp Leu Phe Glu Trp Phe Cys Val Lys Thr Leu Lys Val Cys Cys
124 115 120 125
125 Ser Pro Gly Thr Tyr Gly Pro Asp Cys Leu Ala Cys Gln Gly Gly Ser
126 130 135 140
127 Gln Arg Pro Cys Ser Gly Asn Gly His Cys Ser Gly Asp Gly Ser Arg
128 145 150 155 160
129 Gln Gly Asp Gly Ser Cys Arg Cys His Met Gly Tyr Gln Gly Pro Leu
130 165 170 175
131 Cys Thr Asp Cys Met Asp Gly Tyr Phe Ser Ser Leu Arg Asn Glu Thr
132 180 185 190
133 His Ser Ile Cys Thr Ala Cys Asp Glu Ser Cys Lys Thr Cys Ser Gly
134 195 200 205
135 Leu Thr Asn Arg Asp Cys Gly Glu Cys Glu Val Gly Trp Val Leu Asp
136 210 215 220
137 Glu Gly Ala Cys Val Asp Val Asp Glu Cys Ala Ala Glu Pro Pro Pro
138 225 230 235 240
139 Cys Ser Ala Ala Gln Phe Cys Lys Asn Ala Asn Gly Ser Tyr Thr Cys
140 245 250 255
141 Glu Glu Cys Asp Ser Ser Cys Val Gly Cys Thr Gly Glu Gly Pro Gly
142 260 265 270
143 Asn Cys Lys Glu Cys Ile Ser Gly Tyr Ala Arg Glu His Gly Gln Cys

```

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION: US/09/904,011B**

DATE: 02/21/2002  
TIME: 16:47:00

Input Set : N:\CrF3\02122002\I904011B.raw  
Output Set: N:\CRF3\02212002\I904011B.raw

144 275 280 285  
 145 Ala Asp Val Asp Glu Cys Ser Leu Ala Glu Lys Thr Cys Val Arg Lys  
 146 290 295 300  
 147 Asn Glu Asn Cys Tyr Asn Thr Pro Gly Ser Tyr Val Cys Val Cys Pro  
 148 305 310 315 320  
 149 Asp Gly Phe Glu Glu Thr Glu Asp Ala Cys Val Pro Pro Ala Glu Ala  
 150 325 330 335  
 151 Glu Ala Thr Glu Gly Glu Ser Pro Thr Gln Leu Pro Ser Arg Glu Asp  
 152 340 345 350  
 153 Leu  
 155 <210> SEQ ID NO: 3  
 156 <211> LENGTH: 2206  
 157 <212> TYPE: DNA  
 158 <213> ORGANISM: Homo sapiens  
 159 <400> SEQUENCE: 3  
 160 caggccaac tgcaccccg ttctatcgat tgaattcccc ggggatcctc tagagatccc 60  
 161 tcgaccccgta cccacgcgtc cggcaggccg ggagggcgacg cgcccagccg tctaaacggg 120  
 162 aacagccctg gctgagggag ctgcagcgca gcagagtata tgacggcgcc aggttgcgta 180  
 163 ggtgcggcac gaggagttt cccggcagcg aggaggtcct gagcagcatg gcccggagga 240  
 164 ggcgcctccccc tgccgcccgc ctctggctct ggagcatcct cctgtgcctg ctggcactgc 300  
 165 gggcggagggc cggggccccc caggaggaga gcctgtacct atggatcgat gtcaccagg 360  
 166 caagagtact cataggattt gaagaagata tcctgattgt ttcagagggg aaaatggcac 420  
 167 cttttacaca tgatttcaga aaagcgcaac agagaatgcc agctattcct gtcaatatcc 480  
 168 attccatgaa ttttacctgg caagctgcag ggcaggcaga atacttctat gaattcctgt 540  
 169 ccttgcgctc cctggataaa ggcatcatgg cagatccaac cgtcaatgtc cctctgctgg 600  
 170 gaacagtgcc tcacaaggca tcagttgttc aagttggttt cccatgtcct ggaaaacagg 660  
 171 atggggtgcc agcatttgaa gtggatgtga ttgttatgaa ttctgaaggc aacaccattc 720  
 172 tccaaacacc tcaaaatgct atcttcttta aaacatgtca acaagcttag tgcccgaggcg 780  
 173 ggtgccgaaa tggaggctt tgaatgaaa gacgcacatcg cgagtgtcct gatgggttcc 840  
 174 acggacccca ctgtgagaaa gccctttgtt ccccacatg tatgaatgtt ggactttgtg 900  
 175 tgactcctgg tttctgcattc tgcccacctg gattctatgg agtgaactgt gacaaagcaa 960  
 176 actgctcaac cacctgcattt aatggaggga cctgtttcta ccctggaaaaa tgtatttgcc 1020  
 177 ctccaggact agagggagag cagtgtgaaa tcagcaaatg cccacaaccc tgcgaaatg 1080  
 178 gaggtaaatg cattggtaaa agcaaatgtt agtgtccaa aggttaccag ggagacctct 1140  
 179 gttcaaaagcc tgcgtgcgag cctggctgtg gtgcacatgg aacctgccc gaaaccacaa 1200  
 180 aatgccaatg tcaagaaggt tggcatggaa gacactgcaa taaaaggtac gaagccagcc 1260  
 181 tcatacatgc cctgaggcca gcaggcgccc agctcaggca gcacacgcct tcacttaaaa 1320  
 182 agggcgagga gcggcgggat ccacctgaat ccaattacat ctggtgaact cgcacatctg 1380  
 183 aaacgttttta agttacacca agttcatagc ctttgttaac ctttcatgtg ttgaatgtt 1440  
 184 aaataatgtt cattacactt aagaatactg gcctgaattt tattagcttc attataaatc 1500  
 185 actgagctga tatttactct tccttttaag tttctaagt acgtctgttag catgatggta 1560  
 186 tagattttct tgggtcgtt cttgggaca gattttatat tatgtcaatt gatcaggta 1620  
 187 aaattttcag tgcgtgttgc gcaagatattt tcaaaattac aatgcattt tggtgtctgg 1680  
 188 gggcaggggaa acatcagaaaa ggttaaattt ggcaaaaatg cgtaagtcac aagaatttgg 1740  
 189 atgggtcagt taatgttcaa gttacagcat ttcagattt attgtcagat atttagatgt 1800  
 190 ttgttacatt tttaaaaattt gctcttaatt tttaaactct caatacaata tattttgacc 1860  
 191 ttaccattat tccagagatt cagtattaaa aaaaaaaaaa ttacactgtg gtagtggcat 1920  
 192 ttaaaacaata taatataattc taaacacaat gaaataggaa atataatgtt tgaactttt 1980  
 193 gcattggctt gaagcaatat aatatattgt aaacaaaaca cagctttac ctaataaaaca 2040

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/904,011B

DATE: 02/21/2002  
TIME: 16:47:00

Input Set : N:\Crf3\02122002\I904011B.raw  
Output Set: N:\CRF3\02212002\I904011B.raw

```

194      ttttatactg tttgtatgtaa taaaataaaag gtgctgcgtt agtttttgg aaaaaaaaaa 2100
195      aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa gggcggccgc gactcttagag tcgacacctgca 2160
196      gaagcttggc cgccatggcc caacttgttt attgcagctt ataatg                      2206
198 <210> SEQ ID NO: 4
199 <211> LENGTH: 379
200 <212> TYPE: PRT
201 <213> ORGANISM: Homo sapiens
202 <400> SEQUENCE: 4
203      Met Ala Arg Arg Ser Ala Phe Pro Ala Ala Leu Trp Leu Trp Ser
204          1           5           10           15
205      Ile Leu Leu Cys Leu Leu Ala Leu Arg Ala Glu Ala Gly Pro Pro Gln
206          20          25           30
207      Glu Glu Ser Leu Tyr Leu Trp Ile Asp Ala His Gln Ala Arg Val Leu
208          35          40           45
209      Ile Gly Phe Glu Glu Asp Ile Leu Ile Val Ser Glu Gly Lys Met Ala
210          50          55           60
211      Pro Phe Thr His Asp Phe Arg Lys Ala Gln Gln Arg Met Pro Ala Ile
212          65          70           75           80
213      Pro Val Asn Ile His Ser Met Asn Phe Thr Trp Gln Ala Ala Gly Gln
214          85          90           95
215      Ala Glu Tyr Phe Tyr Glu Phe Leu Ser Leu Arg Ser Leu Asp Lys Gly
216          100         105           110
217      Ile Met Ala Asp Pro Thr Val Asn Val Pro Leu Leu Gly Thr Val Pro
218          115         120           125
219      His Lys Ala Ser Val Val Gln Val Gly Phe Pro Cys Leu Gly Lys Gln
220          130         135           140
221      Asp Gly Val Ala Ala Phe Glu Val Asp Val Ile Val Met Asn Ser Glu
222          145         150           155           160
223      Gly Asn Thr Ile Leu Gln Thr Pro Gln Asn Ala Ile Phe Phe Lys Thr
224          165         170           175
225      Cys Gln Gln Ala Glu Cys Pro Gly Gly Cys Arg Asn Gly Gly Phe Cys
226          180         185           190
227      Asn Glu Arg Arg Ile Cys Glu Cys Pro Asp Gly Phe His Gly Pro His
228          195         200           205
229      Cys Glu Lys Ala Leu Cys Thr Pro Arg Cys Met Asn Gly Gly Leu Cys
230          210         215           220
231      Val Thr Pro Gly Phe Cys Ile Cys Pro Pro Gly Phe Tyr Gly Val Asn
232          225         230           235           240
233      Cys Asp Lys Ala Asn Cys Ser Thr Thr Cys Phe Asn Gly Gly Thr Cys
234          245         250           255
235      Phe Tyr Pro Gly Lys Cys Ile Cys Pro Pro Gly Leu Glu Gly Glu Gln
236          260         265           270
237      Cys Glu Ile Ser Lys Cys Pro Gln Pro Cys Arg Asn Gly Gly Lys Cys
238          275         280           285
239      Ile Gly Lys Ser Lys Cys Lys Cys Ser Lys Gly Tyr Gln Gly Asp Leu
240          290         295           300
241      Cys Ser Lys Pro Val Cys Glu Pro Gly Cys Gly Ala His Gly Thr Cys
242          305         310           315           320
243      His Glu Pro Asn Lys Cys Gln Cys Gln Glu Gly Trp His Gly Arg His

```

Use of n and/or Xaa has been detected in the Sequence Listing:  
 Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/904,011B

DATE: 02/21/2002  
TIME: 16:47:01

Input Set : N:\Crf3\02122002\I904011B.raw  
Output Set: N:\CRF3\02212002\I904011B.raw

L:29 M:270 C: Current Application Number differs, Wrong Format  
L:403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:614 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
L:1341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50  
L:2841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113  
L:3206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131  
L:4238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174  
L:4338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175  
L:5176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206



OIPE

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION: US/09/904,011B**

**DATE: 02/12/2002**  
**TIME: 10:58:26**

**Input Set : D:\sequence listing.txt**  
**Output Set: N:\CRF3\02122002\I904011B.raw**

3 <110> APPLICANT: Genentech, Inc.  
 4       Ashkenazi, Avi  
 5       Botstein, David  
 6       Desnoyers, Luc  
 7       Eaton, Dan L.  
 8       Ferrara, Napoleone  
 9       Filvaroff, Ellen  
 10      Fong, Sherman  
 11      Gao, Wei-Qiang  
 12      Gerber, Hanspeter  
 13      Gerritsen, Mary E.  
 14      Goddard, A.  
 15      Godowski, Paul J.  
 16      Grimaldi, Christopher J.  
 17      Gurney, Austin L.  
 18      Hillan, Kenneth, J.  
 19      Kljavin, Ivar J.  
 20      Mather, Jennie P.  
 21      Pan, James  
 22      Paoni, Nicholas F.  
 23      Roy, Margaret Ann  
 24      Stewart, Timothy A.  
 25      Tumas, Daniel  
 26      Williams, P. Mickey  
 27      Wood, William, I.  
 29 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 30      Acids Encoding the Same  
 32 <130> FILE REFERENCE: 10466-14  
 C--> 34 <140> CURRENT APPLICATION NUMBER: US/09/904,011B  
 C--> 35 <141> CURRENT FILING DATE: 2001-07-11  
 37 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414  
 38 <151> PRIOR FILING DATE: 2000-02-22  
 40 <150> PRIOR APPLICATION NUMBER: US 60/143,048  
 41 <151> PRIOR FILING DATE: 1999-07-07  
 43 <150> PRIOR APPLICATION NUMBER: US 60/145,698  
 44 <151> PRIOR FILING DATE: 1999-07-26  
 46 <150> PRIOR APPLICATION NUMBER: US 60/146,222  
 47 <151> PRIOR FILING DATE: 1999-07-28  
 49 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594  
 50 <151> PRIOR FILING DATE: 1999-09-08  
 52 <150> PRIOR APPLICATION NUMBER: PCT/US99/20944  
 53 <151> PRIOR FILING DATE: 1999-09-13  
 55 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090

*Does Not Comply  
Corrected Diskette Needed*

RAW SEQUENCE LISTING DATE: 02/12/2002  
PATENT APPLICATION: US/09/904,011B TIME: 10:58:26

Input Set : D:\sequence listing.txt  
Output Set: N:\CRF3\02122002\I904011B.raw

56 <151> PRIOR FILING DATE: 1999-09-15  
58 <150> PRIOR APPLICATION NUMBER: PCT/US99/21547  
59 <151> PRIOR FILING DATE: 1999-09-15  
61 <150> PRIOR APPLICATION NUMBER: PCT/US99/23089  
62 <151> PRIOR FILING DATE: 1999-10-05  
64 <150> PRIOR APPLICATION NUMBER: PCT/US99/28214  
65 <151> PRIOR FILING DATE: 1999-11-29  
67 <150> PRIOR APPLICATION NUMBER: PCT/US99/28313  
68 <151> PRIOR FILING DATE: 1999-11-30  
70 <150> PRIOR APPLICATION NUMBER: PCT/US99/28564  
71 <151> PRIOR FILING DATE: 1999-12-02  
73 <150> PRIOR APPLICATION NUMBER: PCT/US99/28565  
74 <151> PRIOR FILING DATE: 1999-12-02  
76 <150> PRIOR APPLICATION NUMBER: PCT/US99/30095  
77 <151> PRIOR FILING DATE: 1999-12-16  
79 <150> PRIOR APPLICATION NUMBER: PCT/US99/30911  
80 <151> PRIOR FILING DATE: 1999-12-20  
82 <150> PRIOR APPLICATION NUMBER: PCT/US99/30999  
83 <151> PRIOR FILING DATE: 1999-12-20  
84 <150> PRIOR APPLICATION NUMBER: PCT/US00/00219  
85 <151> PRIOR FILING DATE: 2000-01-05  
87 <160> NUMBER OF SEQ ID NOS: 423

#### ERRORED SEQUENCES

5293 <210> SEQ ID NO: 173  
5294 <211> LENGTH: 43  
5295 <212> TYPE: DNA  
5296 <213> ORGANISM: Artificial Sequence  
5298 <220> FEATURE:  
5299 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
5300 oligonucleotide probe  
5302 <400> SEQUENCE: 173  
E--> 5303 ggactcactg gcccaggcct tcaatatcac cagccaggac gat

(42) 43

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/904,011B

DATE: 02/12/2002

TIME: 10:58:29

Input Set : D:\sequence listing.txt

Output Set: N:\CRF3\02122002\I904011B.raw

L:34 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:35 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13  
L:769 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
L:1701 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50  
L:3586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113  
L:4040 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:131  
L:5303 M:254 E: No. of Bases conflict, LENGTH:Input:42 Counted:43 SEQ:173  
L:5344 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174  
L:5479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175  
L:6540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:206